

SBP – SKILL BLOCK PLAN
TRAFFIC SERVICES

ENTRY LEVEL

CODE	SKILL BLOCK	REQUIREMENTS	COMPLEMENT	VALUE
1T1 * Complete 3 of the 4	A. Small Hand & Power Tools B. Introduction to Work Zone Traffic Control Devices C. Basic Two-Way Radio Communication D. Operation of Chain Saw or Operation of Hand Powered Auger	* A. View video "Hand & Power Tool Safety" (Video #226) * B. View video "Basic Traffic Control" (Video #301) * C. Complete EQP-529 (161080046) * D. Complete EQP-507 (161080020) or EQP-405 (161080001) NOTE: A, B, & C Perform work to supervisor's satisfaction	No Limit	\$312
1T2 *	Operate second piece of category A equipment	Complete course for one piece of category A equipment	No Limit	\$312
1T3 *	Operate medium dump truck	A. Prerequisite 1T5 * B. Complete EQP-415 (161080003)	No Limit	\$416
1T4	Deleted			
1T5	Commercial Drivers License	Obtain a Commercial Drivers License with required endorsements from the Division of Motor Vehicles	No Limit	\$0
1T6 *	Lead Vehicle Driver for Pre-Line Operations with Supervisor	* Complete six months of progressive experience to supervisor's satisfaction	No Limit	\$624
1T7 *	Traffic Sign Layout and Fabrication with Supervision	A. Complete TSU-130 & TSU-137 * B. Perform OJT for a minimum of 10 days to supervisor's satisfaction	No Limit	\$624
1T8 *	IMAP Operations and Road Hazard Identification	* A. Three months of progressive experience to supervisor's satisfaction B. Complete TSU-540 (161080093) C. Complete Dealing with the Public ADM-675	No Limit	\$416

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1T9 *	IMAP Vehicle Maneuvering & Traffic Control	A. Complete NCSHP Defensive & Precision Driver Training Course B. OJT performed for a period of 60 working days to supervisor's satisfaction (May be concurrent with 1T8) C. Complete TSU-545 (161080094)	No Limit	\$312
1T10 *	Basic Incident Response	* A. Perform operation as required for a period of three months to supervisor's satisfaction * B. Prerequisite 1T9 C. Complete Basic Incident Response Course TSU-525 (161080090)	No Limit	\$624
1T11 *	Install and Maintain Signs with Supervision	* A. Six months of progressive experience to supervisor's satisfaction B. Complete TSU-130, TSU-131, & TSU-132	No Limit	\$416
1T12 *	Operate third piece of category A equipment	* Complete course for one piece of category A equipment	No Limit	\$312
1T13 *	Conduct Flagging Operation	A. Complete Flagger Person Training (SAF-238) * B. Perform flagging operation as required for a period of 40 hours to supervisor's satisfaction.	No Limit	\$208
1T14 *	Install and maintain special pavement markings with supervision	A. Complete TSU-100 and TSU-101 * B. Six months progressive experience to the supervisor's satisfaction.	No Limit	\$416

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1T15 *	Operate fourth piece of Category A equipment	* Complete course for one piece of Category A equipment	No Limit	\$312
1T16 *	Securing and Hauling Loads	* Demonstrate skills to Supervisor's satisfaction	No Limit	\$312

Requirements to advance to Intermediate Level:

- Complete Minimum Time Requirement: 2 years at Entry Level (or equivalent)
- Complete Skill Blocks: See form SBP-EPR(TS)
- Complete Other Non-Skill Blocks or those Required by the Division

* Quick reference for denoting Skill Blocks requiring an OJT instructor. The “*” in the “Requirements” column indicates the specific portion of training that requires assignment of an OJT instructor. The OJT instructor can be an engineer, supervisor, or transportation worker. The transportation worker OJT instructors must attend the SBP-400 training course. SBP-400 is recommended for transportation supervisor level OJT instructors.

CATEGORY “A” EQUIPMENT	
Air Compressor	EQP-400 (161080000)
Cutoff Saw	EQP-519 (161080035)
Edgeline Paint Gun	EQP-535 (161080052)
Forklift	SAF-240
Medium Dump Truck	EQP-415 (161080003)
Paint Line Removing Machine	EQP-528 (161080045)
Thermoplastic Machine	EQP-532 (161080049)
Tractor Auger/Post Driver	EQP-440 (161080008) EQP-405 (161080001)
Tractor Sweeper	EQP-440 (161080008) EQP-435 (161080007)
Trencher	EQP-538

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INTERMEDIATE LEVEL

CODE	SKILL BLOCK	REQUIREMENTS	COMPLEMENT	VALUE
2T1 *	Operate 1 piece of category B equipment	* Complete course for 1 piece of category B equipment	No Limit	\$624
2T2 *	Fundamentals of prelining and establishing passing zones with supervision	A. Prerequisite 1T6 B. Complete TSU-100 & TSU-104 * C. Six months of progressive experience	No Limit	\$624
2T3 *	Maintain sign inventory with supervision	A. Complete TSU-130 & TSU-136 * B. Six months of progressive experience	No Limit	\$416
2T4 *	Install and maintain signs	A. Prerequisite 1T11 B. Complete TSU-133, TSU-134, & TSU-135 * C. Complete 6 months experience following certification of 1T11	No Limit	\$624
2T5	Deleted			
2T6 *	Intermediate Worker on Special Marking Crew	A. Prerequisite 1T14 B. Prerequisite: 3T15 C. Complete TSU-102 * D. Six months of progressive experience	No Limit	\$624
2T7 *	Intermediate Worker on Pavement Markers Installation Crew	A. Prerequisite: 3T15 B. Complete TSU-103 * C. Completion of 40 hours of progressive experience	No Limit	\$624
2T8 *	Operate centerline paint gun (Category B Equipment)	A. Prerequisite 1T2 or 1T12 (Edgeline Paint Gun) B. Complete Centerline Paint Gun Operation Course * C. Six months of satisfactory experience	No Limit	\$624
2T9 *	Snow and Ice Control	A. Prerequisite 1T3 * B. Complete Snow and Ice Control course EQP-415 (161080003) * C. Operate snow and ice control equipment for at least 16 hours during storms.	No Limit	\$312

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2T10 *	Supervision of inmates	A. Complete Inmate Labor Seminar (SEM-130) (Must maintain card to continue to receive credit for 2T10) * B. Supervise Inmates for 40 hours to OJT's satisfaction	No Limit	\$312
2T11 *	HazMat Spill Response	A. Complete HazMat Spill Response Course "First Responders – Operational Level" SAF-318 * B. Perform spill response activities for six hours to supervisor's satisfaction	No Limit	\$416
2T12 *	Deploy and activate portable Changeable Message Signs (CMS)	A. Complete EQP-530 (161080047) * B. Deploy and activate CMS five times successfully	No Limit	\$312
2T13 *	Intermediate Worker on Incident Response Crew	A. Prerequisite: 3T15 B. Complete TSU-515 (161080091) * C. Minimum of two years of experience as Incident Response crew member with 6 months as lead Worker	No Limit	\$624
2T14 *	Disassemble, clean, and repair spray devices and component parts for the pavement marking machines	A. Complete Disassembly, Cleaning, and Repairing of Painting Components of the Paint Machine Course * B. Complete four months of progressive experience to satisfaction of supervisor	No Limit	\$624
2T15 *	Operate second (2) piece of category B equipment	* Complete course for second (2) piece of category B equipment	No Limit	\$624

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Requirements to advance to Journey Level:

- Complete Minimum Time Requirement: 2 years at Intermediate Level (or equivalent)
- Complete Skill Blocks: See form SBP-EPR(TS)
- Complete Other Non-Skill Blocks or those Required by the Division

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CATEGORY “B”	
Centerline Paint Gun	EQP-535 (161080052)
IMAP Truck	EQP-539 (161080066)
Pre-Line Paint Machine	EQP-531 (161080048)
Sign Truck with Attachments	EQP-533 (161080050)

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JOURNEY LEVEL

CODE	SKILL BLOCK	REQUIREMENTS	COMPLEMENT	VALUE
3T1 *	Lead worker on two or more traffic crews in different functional areas	A. Completion of at least 2 of skill blocks: 2T2, 2T4, 2T6 & 2T7 * B. Minimum of one year experience in each of the two functional areas C. Complete TW's Transition To Leadership Course SBP-300	2 per Division	\$1,040
3T2 *	Operate paint machine with supervision	A. Prerequisites 1T3 and 2T8 * B. Complete at least 12 months experience as centerline gun operator C. Complete Paint Machine Course	1 per Paint Truck	\$1,040
3T3	Deleted			
3T4	Deleted			
3T5	Deleted – moved to 4T6			
3T6	Deleted			
3T7	(NO LONGER AVAILABLE) IMSA Certification – Traffic Technician Level 1 (General knowledge of the maintenance of existing signing and basic sign installation techniques)	(NO LONGER AVAILABLE) Receive and maintain Level 1 IMSA certification	2 per Sign Crew, 2 per Special Marking Crew, 2 per SD crew	\$520

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3T8	Deleted – moved to 4T8			
3T9 *	Sign condition and retroreflectivity evaluation	A. Complete TSU-130 & TSU-140 * B. OJT performed through one annual sign condition survey cycle to supervisor's satisfaction	No Limit	\$520
3T10 *	Sign Design and Fabrication	A. Prerequisites 1T7 and 2T3 B. Complete TSU-138 * C. 12 months of progressive experience to supervisor's satisfaction	2 per Division	\$624
3T11	Changeable Message Sign (CMS) Programming	A. Complete Introduction For Windows Course (COM-145) B. Prerequisite 2T12 C. Complete EQP-536 (161080053)	4 per Division plus 1 per IMAP Shift	\$520
3T12	Lead Worker on Incident Scene Evaluation and Clearance	A. Prerequisite 2T13 B. Complete SBP-300 (TW's Transition to Leadership) C. Complete MGT-420 (Diversity At Work) D. Complete TSU-535 (161080092)	1 per IMAP Shift	\$1,040
3T13 *	Lead Worker supervising a Special Marking Crew	A.. Prerequisite: 3T15 B. Prerequisite 2T6 * C. Complete at least 12 months experience in crew D. Complete SBP-300 (TW's Transition to Leadership)	1 per Crew	\$1,040

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3T14 *	Lead Worker supervising a Pre-Line and Establishing Passing Zone Crew	A. Prerequisite 2T2 B. Prerequisite: 3T15 * C. Complete at least 12 months experience in a crew D. Complete SBP-300 (TW's Transition to Leadership)	1 per Crew	\$1,040
3T15*	Basic Work Zone Safety	A. Complete Basic Work Zone Safety Course (SAF-500) * B. Implement traffic control in work zones for six months to instructor's satisfaction	No Limit	\$728
3T16*	New skill block to replace 3T7 Advanced Sign & Marking Installation	Complete TSU-XXX (not yet developed) and six months experience	TBD 2 per Sign Crew, 2 per Special Marking Crew, 2 per SD crew, 2 per Longline Crew	TBD \$520

Requirements to Advance to Advanced Level:

- Complete Minimum Time Requirement: 3 years at Journey Level (or equivalent)
- Complete Skill Blocks: See form SBP-EPR(TS)
- Complete Other Non-Skill Blocks or those Required by the Division

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CATEGORY “C”	
None	

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ADVANCED LEVEL

CODE	SKILL BLOCK	REQUIREMENTS	COMPLEMENT	VALUE
4T1	Read and interpret plans and specifications	A. Complete Math Review I Course (SSC-010) B. Complete Plan Reading Course (SSC-030) C. Complete TSU-130	Determined by Division Engineer	\$624
4T2 *	Inspection of purchase order and division contract traffic operations	A. Prerequisite 4T1 & 4T7 B. Complete at least 24 months at Journey Level in crew performing same operation as contract operation C. Complete Basic Inspection Course (SSC-050) D. Complete Purchase Order Contract Course (SSC-120) * E. Perform assigned inspections for 3 months to supervisor's satisfaction	Determined by Division Engineer	\$728
4T3 *	Operate paint machine without supervision	A. Prerequisite 3T2 * B. Complete 12 months experience operating paint machine with supervision	1 per Paint Machine	\$1,040
4T4	Advanced Sign Design	A. Prerequisite: 3T10 B. Complete TSU-141 C. 24 months of progressive experience to supervisor's satisfaction	1 per Division	\$1,040
4T5 *	Lead Worker Installing and Maintaining Type A & B Signs	A. Prerequisites: 4T6 and 4T9 B. Complete TSU-130 & TSU-139 * C. 12 months experience installing type A and B signs D. Complete SBP-300 (TW's Transition to Leadership)	1 per Division	\$1,040
4T6 *	Plan development and layout of traffic control in work zones including detours	A. Prerequisite: 3T15 * B. Implement traffic control in work zone to current standards for six months to supervisor's satisfaction C. Complete Intermediate Work Zone Safety Course SAF 505	1 per Sign Crew	\$728

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4T7 *	Instructor: Equipment Training Guides, Procedural Training Manuals, or Other Formal Training needs.	A. On The Job Training SBP-400 * B. Satisfactorily complete assigned training duties for 6 months to supervisor's satisfaction	Determined by Division Engineer	\$520
4T8	(NO LONGER AVAILABLE) IMSA Certification – Traffic Technician Level 2 (More advanced knowledge of signing including the warrants for different signs, establishing speed zones, sign manufacturing and fabrication)	(NO LONGER AVAILABLE) Receive and maintain Level Two IMSA certification	1 per Sign Crew, 1 per Special Markings Crew, 1 per SD Crew	\$728
4T9	Operate Truck w/Aerial Device EQP-534 (161080051)	A. Prerequisite 2T4 B. * Complete EQP-534 (161080051)	2 per Division	\$624
4T10	Pavement Marking Certified Pavement Marking Technician	Successful completion of the pavement marking rodeo with 1,000 hours OJT.	TBD 1 per Paint Crew, 1 per Special Markings Crew	TBD \$728
4T11	Signing Certified Signing Technician	Successful completion of the Signing Rodeo and 6 months experience	TBD 1 per Sign Crew	TBD \$728
4T12	Third Party Company Examiner (CDL – Road Test and Certification)	Complete certification by Division of Motor Vehicles and be an active Examiner	1 - 2 per Maintenance Facility	\$520

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CATEGORY “D”	
Paint Truck	EQP-535 (161080052)

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SPECIALIST LEVEL

CODE	SKILL BLOCK	REQUIREMENTS	COMPLEMENT	VALUE
5T2 *	Senior Lead Worker	A. Prerequisite: Complete SBP-300 * B. Complete field maintenance manual MNT-482 (161080028) C. Complete Introduction To Supervision SBP-510 ** D. Perform work for 6 months to supervisor's satisfaction (to include issue work assignments, review of work, provide technical assistance, and conduct minor training)	1 per crew	\$1,040
5T3 *	Senior Instructor: Equipment Training Guide (including Category D Equipment Guides), Procedural Training Manuals or other formal training needs	A. Prerequisite: On The Job Training SBP-400 B. Prerequisite: Level 5 C. Complete Essential Skills For OJT Trainers SBP-500 **D. Perform training duties for six months to the supervisor's satisfaction	DTE sets limit – not to exceed number of "D" pieces of equipment	\$832

- The "*" in the "Requirements" column indicates the specific portion of training that requires assignment of an OJT instructor. The OJT instructor can be an engineer, supervisor, or instructor (4T7), or senior instructor (5T4).
- The double "**" indicates the need for the OJT instructor to be an engineer, supervisor, or senior instructor.

CATEGORY "D"	
Paint Truck	EQP-535 (161080052)